

THE SCHOOL OF MEDICINE

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Dear Josh: Just a few works to tell you about some things I've some on K-12 at the Pasteur Institute. I used Jacques strain for some studies on wronic acid metabolism (simultaneous adaptation tests) because it gave the most marked glucose -I - arabinose disuple of any that I've tested I've a fair amount of quantitative growth ita on glucose, uronicacid, and pentose singly or in michales. In glucose- uronate mixtures you have a sus exponential curves without a lag between them. There is synthesis of adaptive enzymes for wronate in the glucose share without significant utilization of wronate. Gronate obliterates the drawpe in queose-peniese mixtures adaptation to galacturonate does not produce simultaneous adaptation (by growth, or consumption, or fermentation) to galactose or l-arabinose. Riz grown in durose opidizes delactore at 30 % of the glucose rate. Ataptation to galactore or I-arabinose produces no significant cases adaptation - this is in contradiction to one of your letters to Jaques I written up a paper which is being typed. There's nothing on crossing. If you're interested and/or wish to discuss the above, let me know and alltry to sand a Sincerely yours